Amendments

In accordance with 37 CFR §1.121, please amend the above-identified application as set forth below.

Amendments to the Claims:

Please amend the claims as set forth below.

1. (Original)   A control system for media content data broadcast comprising:

a control processor operatively associated with a web server, said control processor and said web server each having communication links to a computer network;

at least one uplink, said uplink being remote from said control processor and said uplink being operatively connected to said computer network;

said control processor being configured to receive control instruction requests through said communication link with said computer network;

said control instruction requests being entered through a remote communication link with said computer network; and

said control processor being further configured to generate a control instruction command and to control transmissions made by said at least one uplink by sending to said at least one uplink said control instruction command through said computer network.

2. (Original)   A control system of claim 1 wherein said computer network is the Internet.

3. (Original)   The control system of claim 1 wherein said control instruction command is sent in batch mode.

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4. (Original) The control system of claim 1 wherein said control instruction command is sent in session mode.

5. (Original) The control system of claim 1 wherein said control instruction requests are sent in session mode.

6. (Original) The control system of claim 1 wherein control instructions include at least one control instruction selected from the group consisting of:

advance scheduling and periodic scheduling.

7. (Currently Amended) A broadcast satellite uplink for transmitting media content data to a satellite for broadcast to a plurality of receivers comprising:

an encoder for encoding a digital video broadcast bitstream [stream] in a transmittal format;

a multiplexer;

a transmitter;

a control inserter being configured to receive control instruction commands via email from a remote control processor, and said control inserter being further configured to encode into a digital video broadcast bitstream control instructions taken from said control instruction command email; and

an email communication link between said control inserter and a computer network.

8. (Original) A control processor for satellite broadcast of media content data comprising;

a control processor being configured to build control instruction commands, said control instruction commands being executable by an uplink for transmission of a

digital video broadcast bitstream including control instructions contained within said control instruction command;

said control processor being in operative communication with a web server such that control instruction requests are received by said control processor after said requests are received by said web server in an HTTP transmission from a remote web browser;

said control processor being further configured to package control instructions from said control instruction requests in an email to at least one remote uplink; and

a communication link to a computer network, said communication link allowing said control instruction command to be emailed to remote uplinks.

9.   (Original)   The control processor of the previous claim wherein said communication link further allows confirmation message from said at least one remote uplink back to said control processor via email.

10.   (Previously Presented)   A method of controlling a media content broadcast comprising:

receiving a control instruction request at a central processor from a remote input, through a computer network linked to both said central processor and said remote input;

generating a control instruction command, said control instruction command being configured to be executable by an uplink for transmission of the control instructions to a plurality of remote receivers via satellite, said uplink being remote from said central processor; and

sending said control instruction command to the uplink through said computer network, said uplink also being linked to said computer network.

11. (Previously Presented)   The method of claim 10 wherein said computer network is the internet.

12. (Previously Presented)   The method of claim 10 wherein said sending step is in batch mode.

13. (Previously Presented)   The method of claim 10 wherein said sending step is in session mode.

14. (Previously Presented)   The method of claim 10 wherein said control instruction command includes scheduling.

15. (Previously Presented)   A machine readable data structure for remote control of media content broadcasts comprising:

a control instruction set, said control instruction set being configured to be executable by a receiver upon its receipt via broadcast, said control instruction set being further configured to be embedded in a control instruction command,

said control instruction command being adapted to be sendable through a computer network from a control processor linked to the computer network to a satellite uplink also linked to the computer network;

a correlation indicator, identifying a unique user and correlating at least one of a plurality of receivers with the unique user; and

said control instruction command being configured with a network transfer protocol to send said control instruction set and said correlation indicator over the computer network at a user signal to the control processor for sending to the control instruction command.

16. (Previously Presented) The system of claim 1 wherein said control processor links to said computer network via a protocol selected from the group consisting of:

SMTP, HTTP, FTP, and TFTP.

17. (Previously Presented) The system of claim 1 further comprising a graphical user interface with said control processor.

18. (Previously Presented) The system of claim 1 wherein said control processor operates on Unix.

19. (Previously Presented) The system of claim 1 wherein said link between said control processor and said computer network is an Ethernet/LAN link.

20. (Previously Presented) The system of claim 1 wherein said control processor is associated with said web server via a socket server.

21. (Previously Presented) The system of claim 1 further comprising a status memory in operative communication with said control processor.

22. (Previously Presented) The system of claim 21 wherein said status memory records a receiver status and user status.

23. (Previously Presented) The system of claim 21 further comprising an update driver, said update driver being configured to update said status memory to record a current status.

24. (Previously Presented) The system of claim 1 further comprising a batch aggregator in operative communication with said control processor.

25. (Previously Presented) The system of claim 24 wherein said batch aggregator and said control processor are separate components.

26.   (Previously Presented)   The system of claim 24 wherein said batch aggregator is configured to complete a batch for transmission upon obtainment of a preconfigured batch volume.

27.   (Previously Presented)   The system of claim 24 wherein said batch aggregator is configured to complete a batch for transmission upon reaching a preconfigured time out.

28.   (Previously Presented)   The system of claim 1 wherein said control processor and said web server communicate via a language selected from the group consisting of:

Perl, TCL, C, C++, or Visual Basic.

29.   (Previously Presented)   The system of claim 1 wherein said uplink further comprises a control stream inserter.

30.   (Previously Presented)   The system of claim 1 wherein said uplink further comprises a firewall.

31.   (Previously Presented)   The control system of claim 1 wherein said web server further comprises a firewall.

32.   (Previously Presented)   The system of claim 1 wherein said uplink further comprises an encoder and a multiplexer.

33.   (Previously Presented)   The system of claim 1 wherein said uplink further comprises an audiovisual input device.

34.   (Previously Presented)   The system of claim 33 wherein said audiovisual input device is a live feed.

35. (Previously Presented) The system of claim 1 further comprising a schedule memory.

36. (Previously Presented) The system of claim 35 wherein said schedule memory is located at said uplink.

37. (Previously Presented) The system of claim 35 wherein said schedule memory is located at said control processor and in operative communication with said control processor.

38. (Previously Presented) The system of claim 1 wherein said uplink is a conventional uplink, said conventional uplink further comprising a separate control processor.

39. (Previously Presented) The system of claim 1 wherein said control instruction request includes a receiver address, a device address, a control parameter and a parameter data.

40. (Previously Presented) The system of claim 1 further comprising default control instructions stored in a memory exit, said memory being operatively accessible by said control processor.

41. (Previously Presented) The system of claim 1 further comprising an activity log.

42. (Previously Presented) The system of claim 41 wherein said activity log is searchable.

43. (Previously Presented) The system of claim 1 wherein said control instruction request is encrypted.

44. (Previously Presented)   The system of claim 1 wherein said control instruction command is encrypted.

45. (Previously Presented)   The system of claim 1 wherein said control instruction command includes receipt confirmation instructions.

46. (Previously Presented)   The system of claim 1 wherein said control instruction command includes no-error confirmation instructions.

47. (Previously Presented)   The system of claim 46 wherein said control processor is configured to resend a control instruction command if a no-error confirmation is not received.

48. (Previously Presented)   The system of claim 1 wherein said control processor is configured to update a status memory if a no-error confirmation message is received from said uplink.

49. (Previously Presented)   The system of claim 1 wherein said control instruction request includes an instruction to schedule transmission of control instructions at a later selectable time.

50. (Previously Presented)   The system of claim 1 wherein said control instruction command includes a control instruction packet.

51. (Previously Presented)   The system of claim 50 wherein said control instruction packet includes a frame separator, a system identification, a length indicator, a sequence number, a remote address for an individual receiver, a class identifier, a device address, a command identifier, a command data value and a check sum.

52. (Previously Presented)   The system of claim 1 wherein said control instruction request includes a control instruction packet.

53. (Previously Presented) The system of claim 52 wherein said control instruction packet includes a frame separator, a system identification, a length indicator, a sequence number, a remote address for an individual receiver, a class identifier, a device address, a command identifier, a command data value and a check sum.

54. (Withdrawn) A webpage data structure comprising:

a plurality of pages, each page associated with a system user, and each page being accessible by a unique password associated with one system user;

said web page data structure being further configured to access control instruction screens and a status memory for content distribution on a satellite media distribution system.

55. (Withdrawn) The web page data structure of claim 54 further comprising a log of current control parameter settings.

56. (Withdrawn) The web page data structure of claim 54 further comprising a command queue display.

57. (Withdrawn) The web page data structure of claim 54 further comprising a receiver control parameter page.

58. (Withdrawn) The web page data structure of claim 54 further comprising a content status page.

59. (Withdrawn) The web page data structure of claim 58 wherein said content status page includes advertisement data and play interval data.

60. (Withdrawn) The web page data structure of claim 54 being further configured to send control instruction requests in an encrypted form.

61.   (Withdrawn)   The web page data structure of claim 54 further configured to associate separate uplink parameter displays with a particular uplink.

62.   (Withdrawn)   The web page data structure of claim 54 further configured to associate particular control instructions with particular corresponding receivers.

63.   (Withdrawn)   The web page data structure of claim 54 further comprising a review window.

64.   (Withdrawn)   The web page data structure of claim 54 further comprising a confirmation screen.

65.   (Withdrawn)   The web page data structure of claim 54 being further configured to prioritize pages according to a priority selected from the group consisting of:

customers, cable providers, channels, satellites and programming.

66.   (Withdrawn)   A machine readable data structure for remote control of media content broadcasts comprising:

a control instruction set, said control instruction set being configured to be executable by a receiver upon its receipt via broadcast, said control instruction set being further configured to be imbedded in a control instruction request;

said control instruction request being adapted to be sendable through a computer network from a webpage access site linked to the computer network and to a control processor also linked to the computer network;

a correlation indicator, adapted to identify a unique user and correlating at least one of a plurality of receivers with the unique user; and

said control instruction request being configured with a network transfer protocol to send said control instruction set and said correlation indicator over the computer network at a user signal to the remote webpage access site for sending the control instruction request.

67.   (New) The control system of claim 1 wherein said uplink is operative to transmit data over a broadcast network to a plurality of receivers.

68.   (New) The control system of claim 1 wherein said communication link is remote from said control processor.

69.   (New) The control system of claim 1 wherein said communication link is remote from said uplink.

70.   (New) The control system of claim 1 wherein said communication link is remote from any of a plurality of receivers receiving said control transmissions.

71.   (New) The control system of claim 1 wherein said communication link is remote from said control processor, from said uplink and remote from any of a plurality of receivers receiving said control transmissions.

72.   (New) The control system of claim 1 having at least two uplinks.

73.   (New) The control system of claim 1 wherein said control instruction request is received by said control processor from said web server through said communication link.